

Publish to Crates.io

Before You Publish

API Token

1. Log in at <https://crates.io/>
2. Go to **Account Settings**, then **API Tokens**
3. Click "New Token"
4. Give it a unique name.
5. Set an expiration date (optional)
6. Select the scopes you need. I used `publish-new`, `publish-update`, and `yank`.
7. Click "Generate Token".

The generated API token value will look similar to this:

```
ciowhNhkHp4WpZCYjA27AENzrh09c9T9m4r
```

It is stored on crates.io as a hash (for security), and is only displayed once. Make sure you document it in a safe place.

This step only needs to be done once, unless you forget your token value, or it becomes compromised. In that case, you'll need to revoke it and generate a new one.

Log In

Open a terminal, and type:

```
cargo login
```

When prompted, paste your generated token.

This token will be stored locally in `~/.cargo/credentials.toml`. If you ever need to use a different token, first logout:

```
cargo logout
```

This removes the token from your credentials file. Then, you can log in again.

Metadata in Cargo.toml

Tag	Example
license	"MIT OR Apache-2.0"
description	"A short description of my package"
homepage	"https://serde.rs"

Tag	Example
documentation	"https://docs.rs/bitflags"
repository	"https://github.com/rust-lang/cargo"
readme	"README.md"

Source: <https://doc.rust-lang.org/cargo/reference/manifest.html>

Validate and Publish

Check your project for warnings and errors:

```
cargo package
```

You can also list the contents of the generated .crate file:

```
cargo package --list
```

When you're ready to publish:

```
cargo publish
```

Sources

<https://doc.rust-lang.org/cargo/reference/publishing.html>

[rust](#)

From:

<https://kbase.devtoprd.com/> - **Knowledge Base**

Permanent link:

https://kbase.devtoprd.com/doku.php?id=publish_crates

Last update: **2025/06/08 07:19**

